

Title (en)

Current measurement and comparing assembly for a power distribution system and method for measuring and comparing current

Title (de)

Anordnung zur derzeitigen Messung und Vergleich für ein Leistungsverteilungssystem und Verfahren zum Messen und Vergleichen von Strom

Title (fr)

Ensemble de comparaison et de mesure de courant pour un système de distribution d'énergie et procédé de mesure et de comparaison de courant

Publication

EP 2645114 A3 20171206 (EN)

Application

EP 13161209 A 20130326

Priority

US 201213431403 A 20120327

Abstract (en)

[origin: EP2645114A2] A current measurement and comparing assembly (12) for a power distribution system (10) includes a solid state contactor module (16) having a control section (18) and a power section (20), wherein the power section includes at least one solid state switch (14). Also included is a current sensor (34) disposed in the control section (18) and in operable communication with the at least one solid state switch (14), wherein the current sensor (34) distributes current data to a switch control (30) configured to control the at least one solid state switch (14) and distributes current data to a current measurement and comparison circuit (50) via line (52).

IPC 8 full level

G01R 19/00 (2006.01); **H02H 3/00** (2006.01); **H02H 3/30** (2006.01)

CPC (source: EP US)

G01R 19/0092 (2013.01 - EP US); **H02H 3/305** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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